

## METHOD AND APPARATUS FOR BUCKSAWING LOGS

### Abstract of the Disclosure

5 Previous methods of bucksawing logs slow the throughput<sup>8</sup>  
of a sawmill in that the conveyor line is stopped while a given log is<sup>23</sup>  
bucksawed to length. The present invention provides a method for<sup>33</sup>  
bucksawing a log which improves the throughput speed. The present<sup>73</sup>  
invention provides a method and apparatus for bucksawing a log compris-<sup>54</sup>  
10 ing the steps of a) advancing the log endwise along a tilted infeed<sup>65</sup>  
conveyor; b) positioning the log on a tilted feed roll above the level of an<sup>79</sup>  
outfeed conveyor while advancing the log; c) measuring the advance of<sup>89</sup>  
the log while on the tilted feed roll; d) stopping the log at the desired<sup>103</sup>  
length; e) sawing the log to produce a forward log segment; f) moving the<sup>115</sup>  
15 forward log segment onto a tilted outfeed conveyor while advancing the<sup>126</sup>  
remaining log segments. The present invention further provides a method<sup>136</sup>  
and apparatus for bucksawing a log comprising utilizing a second multi-<sup>147</sup>  
positional cut-off saw in the bucksawing station. The present invention<sup>156</sup>  
further provides a method for bucksawing a log comprising utilizing a  
20 shifting gap in the conveyor system associated with the second multi-  
positional cut-off saw in the bucksawing station. The present invention  
further provides a method and apparatus for bucksawing a log comprising  
utilizing two multi-positional cut-off saws in the bucksawing station for  
indefinite length cuts.

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OVER  
150 WOODSON VINE 18  
19.5 Rows  
X11  
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